

217/782-2113

LIFETIME OPERATING PERMIT -- NSPS SOURCE

PERMITTEE

Metokote Corporation  
Attn: Chad Ulm  
1334 Neubrecht Road  
Lima, Ohio 45801

<u>Application No.:</u> 04020042	<u>I.D. No.:</u> 099085ABN
<u>Applicant's Designation:</u> ECOATLINES	<u>Date Received:</u> February 17, 2004
<u>Subject:</u> Two Electrodeposition Coating Lines & Spray Booth	
<u>Date Issued:</u>	<u>Expiration Date:</u> See Condition 1.
<u>Location:</u> 5750 State Route 51, Peru	

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of:

Two Electrodeposition Coating Lines;  
One Spray Booth; and  
One Boiler

pursuant to the above-referenced application. This permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This permit shall expire 180 days after the Illinois EPA sends a written request for the renewal of this permit.
- b. This permit shall terminate if it is withdrawn or is superseded by a revised permit.
- 2a. The boiler is subject to New Source Performance Standards (NSPS) for small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60, Subparts A and Dc. The Illinois EPA is administering these standards in Illinois on behalf of the United States EPA under a delegation agreement.
- b. The Permittee shall fulfill applicable reporting and recordkeeping requirements of 40 CFR 60.48(c).
- c. At all times the Permittee shall, to the extent practicable, maintain and operate the boiler, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions.
3. This permit is issued based on the coating operations being exempted from the requirements of 35 Ill. Adm. Code Section 215 Subpart F, Coating Operations, pursuant to provision of 35 Ill. Adm. Code 215.206 (a)(1): Total emissions of volatile organic material (VOM) from the coating plant shall not exceed 25 tons per year in the absence of air pollution control equipment.

4. Plant-wide VOM emissions from the coating operations shall not exceed 2.0 ton/mo and 20.0 ton/yr.

The VOM emissions shall be determined from the following equation:

$$E = \sum (P_i \times C_i) - \sum (W_k \times C_k), \text{ Where:}$$

E - VOM emissions (lb);  
 P<sub>i</sub> - VOM-containing material usage (gal);  
 C<sub>i</sub> - VOM content of the material (lb/gal);  
 W<sub>k</sub> - certified amount of waste solvent sent off for disposal (gal);  
 C<sub>k</sub> - certified VOM content of waste solvent (lb/gal).

These limits are based on the maximum production rate. Compliance with annual limits shall be determined from a running total of 12 months of data.

5. Operation and emissions of the boiler shall not exceed the following limits:

Natural Gas Usage: 10 mmscf/mo, 110 mmscf/yr

<u>Pollutant</u>	<u>Emission Factor (lb/mmscf )</u>	<u>Emissions</u>	
		<u>(Ton/Mo)</u>	<u>(Ton/Yr)</u>
Nitrogen Oxides (NO <sub>x</sub> )	100	0.5	5.5
Carbon Monoxide (CO)	84	0.4	4.6
Particulate Matter (PM)	7.6	0.04	0.4
Volatile Organic Materials (VOM)	5.5	0.03	0.3

These limits are based on the maximum operating rate and standard emission factors. Compliance with annual limits shall be determined from a running total of 12 months of data.

6. This permit is issued based on the potential to emit (PTE) for hazardous air pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act being less than 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish by rule which would require the Permittee to obtain a Clean Air Act Permit Program permit from the Illinois EPA.
7. The Permittee shall maintain monthly records of the following items:
  - a. VOM-containing raw materials usage (ton/mo, ton/yr);
  - b. VOM and HAP content of materials in item (a) (wt. %); and
  - c. Certified amount of waste solvent shipped-off (ton/mo, ton/yr) and its VOM content (wt.%);
  - d. VOM emission calculations (ton/mo, ton/yr);
  - e. Natural gas usage (mmscf/mo, mmscf/yr).

8. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to the Illinois EPA request for records during the course of a source inspection.
9. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
10. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
Compliance Section (#40)  
P.O. Box 19276  
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
5415 North University  
Peoria, Illinois 61614

11. Persons with lifetime operating permit must obtain a revised permit to any of the following changes at the source:
  - a. An increase in emissions above the amount the emission unit or the source is permitted to emit;
  - b. A modification;
  - c. A change in operation that will result in the source=s noncompliance with a condition in the existing permit;
  - d. A change in ownership, company name, or address, so that the application or existing permit is no longer accurate.

It should be noted that the drying ovens are exempt from state permit requirements pursuant to 35 Ill. Adm. Code 201.146 (fff).

Page 4

If you have any questions on this, please call Valeriy Brodsky at 217/782-2113.

Donald E. Sutton, P.E.  
Manager, Permit Section  
Division of Air Pollution Control

DES:VJB:

cc: Region 2